the roses are taking their midsummer

SUSAN P. ORIE.

require tying up on arches and per-

sahlias are likely to be broken by the

Eureka Clover is being advertised as a forage plant for which enormous yields of green fodder are asserted. The plant in question is sachaline, polygonum sachalinense, exploited as long ago as 1893, when it was adver-tised as a wonderful fodder plant for

The plant is a hardy herbaceous perennial and spreads by stout creep-ing rootstalks. The stems of well grown plants become 6 feet and more in height, bearing numerous heart

DUTCH BULBS DIRECT FROM THE GROWER

cuse, Conservatory or Window. 20 Roman Hyacinths, 48 Tulipa, 5 Narcissus in 3 species, 40 Jon-8 Siberica, 48 Chionodoza lucilea, 100 Allium, 12 Lilium Candi-eia, 40 Giadiolus Biushing Bride, 00 Friteleia.

BOTAL EILAND NURSERIES, Rillegom. Helland.

All colors. Hyacinth, Crocus, Tulip, Iris, Lily for fall planting. Free catalogue of Fruit LAKE SMORE NURSERIES, Gtrard. Pa.

<u> ATLAS WEED-KILLER</u>

ATLAS PRESERVATIVE CO.

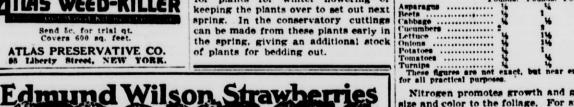
The editor of the garden department tested sacaline (the name under which it was advertised), carefully in which it was advertised), carefully in New Jersey and succeeded in raising plant food from insoluble forms of large plants that proved hardy, but was unable to persuade stock that it was equal to their regular fooder. Neither horses nor cows would eat it, and rabbits preferred and rabbits preferred and interaction an they could get.

sidered a necessity. Owners of garof the gardeners and their helpers ar at the front with the army. A general reduction in the size of next season's gardens will be necessary and many places will suffer for want of proper

Cuttings of evergreen shrubs inserted in sandy soil in a cold frame with a pane of glass. Sit it in a shady place until the cuttings are well

Many gardens have a rubbish heap, which is always convenient, and useful if not abused. This can be conkind, by a trellia covered with vines, a row of privet or evergreens. Weeds can be piled upon the rubbish heap and when well decayed and mixed with that helps enrich the soil is worth keeping. The rubbish pile, however, not be littered up with old boxes, barrels, tinware and other un-

Where gaillardias are growing in the garden, try making cuttings from them for plants for winter flowering or



Are as large as small oranges. This and the three other Van Fleet hybrid strawberries are marvels in size, beauty and productiveness, with the true wild strawberry flavor-They cover the wholo season, from earliest till latest.

Lovett's Pot Grown Strawberry Plants Planted in summer or autumn, produce a crop of berries the following June. My bookkiet on Pet Grown Strawberries tells all about them; how to prepare the ground, and cultivate. It shows the "Edmund Wilson" in natural size and color, and accurately describes with truthful illustrations the Van Fleet hybrids and a score of other choice varieties, faciliding the best Everbearing Strawberries. IT'S FREE. If you would have bigger and before Strawberries than you have ever had before, plant Van Fleet Hybrids.

J. T. LOVETT, Box 222, LITTLE SILVER, N. J.



STERLING VASES

Keep plants flourishing in dryest weather. Watering necessary only once in two weeks. Cost no more than ordinary vases. The only satisfactory vase for lawns and sequence yeard, applied in the autumn.

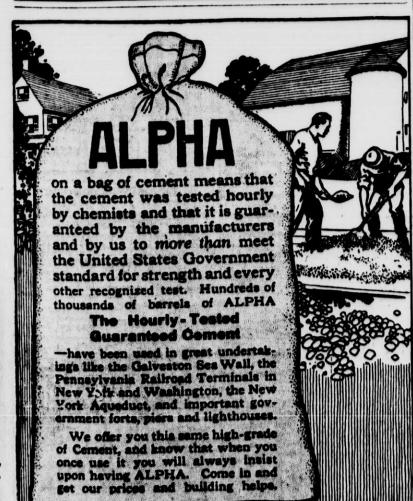
Vessel.

The root is exceedingly hardy and can live over winter or through a prolonged drought in a dormant condition. Pieces of the root that are broken off by a plough or cultivator. cemeteries. Find out about it. Guano is excellent for spring and sum- and carried to other places will begin be reproduced and models showing the Ask for catalogue.

Sterling Grinding Wheel Co. Tiffin, Ohio (Mention THE SUN)



Indiana Quarries Company Morchants Loon & Trust Bidg. CHICAGO, ILL



Leading dealers of New York City, Brooklyn, Staten Island, Westchester For name of ALPHA dealer nearest you, 'phone or write ALPHA PORT LAND CEMENT COMPANY, 50 Church Street, New York, or Easton, Pa.

CONCRETE FOR PERMANENCE

MENTS OF PLANTS.

Lime aids nitrification and liberates

liberal application of lime.

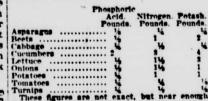
tural experiment station for analysis. Nitrate of soda is the most important purely nitrogenous fertilizer, also kept covered with sash on a shady has recently been introduced and is growth in greater numbers and beauty, the seed bulbs that grow above the border soon root if kept moist. If the the first successful attempt at gather.

One's earliest lesson in gardening is ground upon the stalk take three years frame is exposed the sash can be shaded with lath shades or brush. A soapbox will answer the purpose of a small cold frame and can be covered small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass. Sit it in a small cold frame and can be covered with a page of glass and the first successful attempt at gather-not to waste the strength of the plant to come to maturity, so I do not save the same that are not needed. Appropos of this feature in plant life I am reminded of a little that the flower stem can be cut off the plant to come to maturity, so I do not save the page of the sash can be come to maturity and the plant to come to maturity, so I do not save the page of the sash can be come to maturity and the plant to come to maturity and the plant life in a page of the sash can be come to maturity and the plant life in a page of the sash can be come to maturity.

its action. good form of combination.

The most important phosphate fertilizers are the ground rock phosphates and the superphosphates made from them.

The following table shows the average amount of plant food taken from the soil from a square rod of land by an ordinary crop. Only such portions of the crops are considered as are sightly material that should be other- usually harvested, the tops, leaves and stems are supposed to be returned to the soil as manure:



Nitrogen promotes growth and gives ize and color to the foliage. For small gardens about half an ounce of sulhate of ammonia to the square yard is sufficient, applied in the spring. A of ammonia, at the rate of a half ounce to the square yard during the growth

Dried blood at the rate of two ounces in place of ammonia or soda. Sulphate of magnesia may be used value. This last must be mixed in a wooden

years ago. One ounce to the square ing a new patch of thistles. yard in spring and summer or half an ounce to a gallon of water.

in spring or autumn. potash, half an ounce to the square autumn or spring, or phosphate or sulphate of potash, to be dug in or surface dressed.

and fruitfulness. Crushed bone or bone a sharp hoe or a grub hoe. basic slag can be used in place of bone,

Combinations made from any one phosphate fertilizers can be made. thoroughly mixing them, so they can treatment. ten square yards.

The State Agricultural Experiment intelligently, knowing just what properties it lacks.

Complete fertilizers are sold by forists and seedsmen, and the analysis is given on each package.

AUTUMN SOWING OF SWEET PEAS.

Prepare ground in a well drained place. East. The soil should not be too rich, as too too hard freezing will be a benefit, and also keep ground moist when peas should be opened to let peas grow ance. affect the growth of peas and they house before frost keeps on growing for their oils. Sassafras and wormbloom earlier and longer if planted and if the plants are covered with a wood are distilled in Maryland; witchin fall. Support should be supplied glass cake cover (with air space)— hazel in Connecticut and oils are objust as soon as peas appear in the such as the bakers use—to keep out tained from wintergreen, birch, spruce

Mrs. W. H. H., Southern Ohio. Delphiniums, foxgloves and Canter-

sow perennials thinly in the reserve shaped leaves, and the most was made soils AND FOOD REQUIRE- EXCISION OF BUDS WILL arden, including delphiniums, gaillar- of these facts in the advertising. PROLONG THE BLOOMING TIME OF MOST PLANTS

> As several persons have written to | days of the daffodil, hyacinth and tulip and rabbits preferred anything else humus are benefited by the use of longing the blooming period of plants lime, the key that unlocks the fertility by reducing the crop of buds, I can It is a native of moist, cool climates of the soil. Sour soils are neutralized only add that nearly all plants will and should be tested carefully before by the action of lime. Where moss postpone their flowers by excision of the full flower. The high lights in the rarden can be secured by growand sour grass grow, the soil is al-Sow mignonette in pots for winter most certain to be sour, requiring a The hollyhocks, the perennial phlox fusion. Nothing stirs one's emotions and some of the roses respond It is generally supposed that lime promptly to this treatment. We have Englishman's daily life as to be congood as another, which is not the case June and such a scarcity in July that flower. be done that will diminish the flow of flowers to the sick and wounded. It is a problem how much of their gardens they will be able to manage with such labor as will be available, as many
>
> for fertilizing purposes. Lime from I was induced to try the reducing method as described in The Sun of the such in the flow of the such is a problem how much of their gardens they will be able to manage with such labor as will be available, as many
>
> for fertilizing purposes. Lime from I was induced to try the reducing method as described in The Sun of the more an interval in the propagating, frost proof and absolutely immortal. I had the grief once of driving a spade through a fine dormant driving a spade through a fine dormant driving a spade through a fine dormant bulb, splitting it in pieces. I buried the such as a considering the results that would be produced.
>
> For more than the first crop of bouds that if I had the grief once of driving a spade through a fine dormant bulb, splitting it in pieces. I buried the such as a considering the results that first crop of bouds that if I had the grief once of driving a spade through a fine dormant bulb, splitting it in pieces. I buried the such as a considering the results that first crop of bouds that if I had the grief once of driving a spade through a fine dormant bulb, splitting it in pieces. I buried the such as a considering the results that first crop of bouds that if I had the grief once of driving a spade through a fine dormant bulb, splitting it in pieces. I buried the such as a constant of the such as a consta Before purchasing lime in large do not shear most of them off in their quantities it is a good plan to obtain "button" stage. I have no perfect fragments had taken root and their resumples, label each sample carefully roses from her at all. If I do she urrection turned my grief to joy when and send them to the State agricult gathers up her strength and gives a this new colony came into full flower. continuous crop of perfect roses all Since then I have lifted bulbs after tember, summer until frost.
>
> Since then I have lifted bulbs after tember, blooming time and with a penknife Many

Every one knows that by pinching sulphate of ammonia and dried blood out the terminals of cosmos, chry-from cattle, which is saved and dried santhemums and phlox they immediat the abattoirs. Calcium cyanamide ately make a second lateral blooming year they will be perfect bulbs, while incident of my childhood when an old with the buds but half grown and they Muriate of potash and sulphate of friend called upon my mother to ask mature and come into flower in the potash are the two most important why her garden was so fil supplied vase, making an indoor or porch decopotash fertilizers. The potash in both with continuing flowers. My mother ration of two weeks duration. Asparforms is soluble and immediately said: "Are you not a little stingy available as plant food. Wood ashes with your flowers?" "Yes." she recontain soluble potash and it is in a plied; "I hate to cut them." "Well." while, but no other flower should be my mother replied, "flowers must not used with them. Lilles are sufficient be allowed to die on their stalks. Give unto themselves. Give them a large them away. Let others enjoy them vase or a glass pitcher with plenty of Cast your bread upon the waters,

> will change the colorless aspect of the neglected garden in the lean months of so longingly at them with flower After the spring pageant is over, the

you know!

THE CANADA THISTLE. STATE FAIR NOTES. The Canada thistle is, considering it The dairy yield of New York State

dairy work.

The models of the College of For-

bearing the seal of New York State

Though we fail to see just what

educational or agricultural advantage

Art Smith is homeward bound from

Japan to prepare a series of flights in

his aeroplane at the State Fair. Smith

thrilled thousands with his upside-

down flying and spectacular night ex-

hibitions at the Panama-Pacific Ex-

in Japan instructing army officers how

Smith also has a small racing auto-

mobile, with which he makes a mile a

VEGETABLE PERFUMES.

there provides employment for thous-

tuberoses, jasmines and violets are th

where the soil and climate are par-

ticularly suitable, lavender, pepper-

The leaves of the eucalyptus and bay

Present fashion only favors per-

minute on a mile track.

plants chiefly grown.

the south of France.

obtained from its leaves.

are extracted.

is to be derived from his appearance

rom a neutral standpoint, quite an ornamental and attractive plant. The foliage is a beautiful waxy green, ily growing. At the State Fair at Syrasomewhat resembling new holly cure there will be butter making conleaves. The flower, too, is attractive, and except for its very bad habits this plant would probably be grown in gar-With plants, as with people, ap-

pearances are sometimes very deceiving. In our Northern States no plant and silver medals. Dairy machinery bears such a bad reputation. It has ty-five States or more, and no plant is more generally disliked.

water makes a good liquid fertilizer. thistle is due to its persistent resist- total \$13,000, and as the hoof and Nitrate of soda may be used in place ance to extermination. It does not injure the quality of farm products as there will be fine herds of cattle exmuch as wild onion and wild musof the plants, or the same quantity per tard. When left to itself the thistle in several years. The cattle exhibit spreads rapidly and in a few years from New York and surrounding will completely occupy the land, rento the square yard may be used in the dering it unfit for farming purposes and greatly depreciating its market

The long cordlike perennial root of in the poultry building. A pond suffian ounce to the square yard, dug in or the plant penetrates the soil to a depth ciently deep to permit as a surface dressing. Sulphate of iron of eight to fifteen inches or more, dive and bathe will be located in the may be used alone at the rate of half from which leaf shoots grow to the centre. Many species of swans, geese an ounce to the square yard in the surface and develop into full grown and brandt will be displayed, also spring or the same quantity to two thistles. An entire patch of thistles wood duck, teal, mallards, black ducks gallons of water as a liquid fertilizer. may be attached to one root, and in and pintails. reality be but one plant.

The root is exceedingly hardy and estry, which received a gold medal at equare yard, applied in the autumn. broken off by a plough or cultivator lumberman and a forest as it should to send up leaf shoots on the arrival of effect of erosion. imported as generally as it was a few the first warm, moist period, establish-

When the leafy stems are cut down at the expense of the State Fair Comothers spring up to take their place mission. The contest will begin at 10 Unfortunately, since the European and this process may be repeated from A. M. Tuesday, September 12. Four war broke out potash has been dif- two to ten times before the root beficult to obtain. It increases the qual- comes exhausted. When the plants ners, with a certificate of proficiency flower and produce seeds the wind fruits and vegetables. When it can be scatters them everywhere. A small obtained at anything like reasonable patch of thistles may infest a whole prices this should be used in connec-tion with one of the nitrates. Use The seeds are frequently brought on kainit, half an ounce per square yard, to farms and gardens in straw, hay, Nitrate of oats and in grass and clover seed.

The roots as well as the tops must yard in spring or half an ounce to the be killed to get rid of thistles. Simply gallon of water. Nitrate of potash can cutting off the tops a few times has be used in the same quantity in much the same effect as pruning a privet hedge. The tops must be cut off deep and frequently to suffocate Phosphates promotes both flowering the thistles at least twice a week with meal, two ounces to the square yard in thistle gets over six inches high at autumn, may be used in connection any time all previous work will be unwith the nitrogen and potash fer- done. Weed killers can be applied to tilizers, dug in or surface dressed. Or the cut root and will be helpful. Weed killers may also be used on the plants four ounces to the square yard, in but if used in liberal quantities nothautumn, dug in or sprinkled over the ing can be raised on the land for a year or two afterward.

Another plan is to spread salt for of the above nitrogen, potash and animals over the patches of thistles, which will finally disappear under this

Another plan for killing thistles in After these have been applied add troublesome small patches where the land is to be planted as soon as possible is to cover them with overlapping strips of tar paper or building paper. Station will analyze soil without weighting the laps down with earth, charge, and it can then be fertilized leaving the paper on eight or ten weeks during summer. A coating of straw or manure a foot or more depth will do the same thing.

A PERENNIAL PLEASURE.

To be independent of the watering can is a very desirable thing in the window garden and in the care of the

One can now leave home for a fortrich earth makes, more vine than night and if the reservoir in the base bloom. A mulch of straw to prevent is filled the plants will draw their own moisture as needed and if a small come up in spring, at which time straw water the plants grow in great luxuri-

> No cultivation is needed if the dust and gas, one may have a and white cedar. Tansy is grown for 11, 12 and 13. perennial delight when snowbound and its of in the Eastern States. the garden is sleeping the winter SUSAN P. OKIE. away!

and scarcely perceptible in use. The Cut off withered flower spikes of lightest breath only may suggest Virginia, 2.450 cars. when this was written, and never have antirrhinums and remove dead leaves we seen them more beautiful and proand faded blooms generally, in beds and corders.

A personal attribute.

PYRETHRUMS.

All flowers of datavlike contour are valued for house decoration. The the plant and when cut. Their bril--and when the ramblers are gone and liant colors range from white and nap one can find consolation in the hardy phlox, which with the perennial coreopels and the lilies will and magenta. rose and pink to rich crimson, scarlet

Those preferring single flowers to double will find all they desire in single by the hand and leads me into her pyrethrums, but for best effects they to ecstasy more than the sight of tall must be grown in groups. Two seatiger liles against an evergreen back- sons are required to form clumps that with them that fear Him and He will the fall as do those of other conifers. I call the poor man's more, though under good culture in have an interpreter you are in a land indefinitely. I have seen in the great The bulbs are cheap, self-

spring it was discovered that all the supply of water in dry seasons. They blooming time and with a penknife

Many flowers of this form, such as separated the scales of the bulb, care- single dahlias, drop their petals, but



Single flowering Pyretnrum.

Courtesy Henry A. Dreer, Philadelphia cuse there will be butter making contests daily in the dairy building and the petals of pyrethrums almost with-Pyrethrums are a town and country money prizes in the dairy classes amount to \$3,000, in addition to gold and wet ground are unsuitable for them. After flowering in summer cut representing many thousands of doldown some of the plants, as this will lars in value will be exhibited--including the very latest devices useful in

Some of the new varieties are to be hibited from the West, the first time packet and new hybrids at 25 cents.

The double flowered varieties are I told him I did. also desirable. The flowers resemble anemones more than pyrethrums, pony and ride up into the high altiome of the newer varieties, such as tudes among the most beautiful trees A large enclosure has been provided Queen Mary, very large pink; Aphro- the world affords. Here is a sheltered accommodate the wild fowl exhibit scarlet; ne plus ultra, pink; Princess tain. It is hemmed in by hills and forde Metternich, white; Yvonne Cayeux, ests.

Each county in the State may send a representative to the spelling bee gold prizes will be awarded to the win-

Double Howering Pyrethrum. Courtesy Henry A. Dreer, Philadelphia.

tre, are offered in plants only at about in royal robes of silver and sapphire It position, and since this time has been 35 cents each, \$3.50 a dozen, while is a very Koh-i-noor among the forest double mixed seed can be had at 25 gems. How it flashes in the sunlight! It cents a paper. Not all the plants can is pyramilad in form, each year's The seeds may be started now in branches. transplanted to their permanent place out every needle was a needle indeed, as soon as large enough. Spring is the time for division of the plants, just them. No tree has ever drawn more The production of plants for oils when fresh growth is starting. The attention or been more eagerly sought for perfumery and as flavoring agents plants may also be increased by cuthas become of considerable importance tings. When extra large blooms are

I have seen them crowded into hedges,
when extra large blooms are in France, Turkey, Germany and required the flower stems should be where they could not expand sym-England. At Grasse, France, perfume thinned out and the plants supplied metrically. Better only one out where yielding plants are cultivated exten- with liquid manure after the buds sively and the manufacture of scents form.

ands of people. Orange trees, roses. PLANTING TREES BY MACHINE.

In England, in certain sections Arboretum in Wyoming county, New Ness. There are two concolor firs. and forth to the shed—an inexcusable trait. A plant is left standing on the At the Letchworth Park Forest and Otto of roses is made from the petals of the damask and other roses grown in Bulgaria, Persia, India and 1,500. One man drives the team and only one has a symmetrical forms, pruning, cleaning, &c. the other two handle the seedlings. A size and the other has those of deep furrow is made by the machine and blue and these are clustered near the Spain and Algeria for geranium oil, the trees are set at any desired dis- top of the tree. From all the cones tance, an automatic device indicating there exudes the purest gum, which The flowers of the orange, carna- where they are to be dropped. Iron glistens like diamonds in the sunwheels then firm the dirt around the light. There is a light green shade Sweet peas planted in November or The self-watering plant receptacles and wallflower are all turned to account by the perfume manufactures and a marker draws a line in the soil.

In the self-watering plant receptacles and wallflower are all turned to account by the perfume manufactures and a marker draws a line in the soil. December will do better and bloom are not new, but they are not yet in count by the perfume manufacturer. and a marker draws a line in the soil there and watch the gentle breeze onger than peas planted in the spring. General use or even appreciated in the The leaves of the eucalyptus and bay, where the next row is to be planted. Stirring the branches and you seem in the seed of the almond, the fruit of This machine was originally designed a land Elysian. This is the vanilla, bergamont and other cit- for setting out cabbage and tomato tree; the pungens may outshine it in ruses, the wood of cedar, sassafras and plants. It was used successfully for the full beauty of youth, but after sandal are a few examples of other planting aster plants by James Vick's about thirty years death takes th own moisture as needed and if a small parts of plants from which rich oils Sons at Rochester, and now is doing lower branches and works up toward good service planting trees. In America peppermint, spearmint,

A planted box brought into the erigeron and wormwood are cultivated Exhibition of American Gladiolus Society.

> The annual exhibition of the American Gladiolus Society will be held in the Horticultural Hall, Boston, August

fumes that are exceedingly delicate 1,489 carload lots of peaches, North Carolina, 2.731 cars of potatoes, and AFIELD WITH GOD.

pyrethrums are valuable on account of of nature is to go out into the silence aristarte pine. I have seen but few the durability of their blooms both on and the vastness and visit with God. Nature often seems to me like a person. A thoughtful, watchful mother yellow through the various shades of -first born daughter of God-her head the Yellowstone National Park. And white with the snows of the ages, her cheeks ruddy with the eternal fresh-

and conned her delightful lessons.

Mine has been a strenuous life, and I or limber twig pine, looking someing her utmost to entertain me. A of trees; we must examine them and were moving the vast white curtains menon with the same tree in the Telso as to disclose the beauty of the scene lowstone with the most delightful effect. And Douglas spruce. Probably no tree of a now the whole veil is lifted to float single species has so many variations. away in the upper deeps.

hemmed in with mountains, a vast cloud that had lingered behind spread also the weeping form. out like an immense umbrella above Then what a rich variety of flowers me, illumined by a weird, soft cathedral are seen in this secluded garden of light. The fringes of the cloud rested God. There are the bluebells climbing on the surounding peaks all aglow with summits of emerald seem to touch the ethereal beauty. I sat on a rock and sapphire of the sky. There are stately for a long time drank in the scene. come to a returning son

The fleecy clouds like flocks of sheep came trooping over Mount Nebo and to a little smoke. The shade of trees gathered all about me as in glad wel-How kind are the sweet ministers of

nature. I remember once in despondprobably induce flowering a second ency I sat among my flowers. Each one seemed desirous of putting on its best robes, like a winsome maiden, to had but a quarter of an acre. It was had only by purchasing plants, such as Iraw my attention from mys. f. An. in grass and wild shrubs. But I had James Kelway, a bright scarlet single then the birds commenced to sing, and flower. Seeds of roseum hybridum what a concert they gave me! And grandiflorium are sold at 15 cents a finally a sociable robin peered at me as if to say, "Don't you feel better now?"

> place on the north side of the moun-And in this quiet place Nature does her best. Did you ever realize what a landscape artist God is? How departments; some northern slope of all his creations? There is a moun-Rockies. There could be a splendid ain wall 2,000 feet tall. It is stupendous and awe inspiring in its grandeur and He lets it alone. On the back side there are shelves. There with infinite patience He plants the seeds. Trees grow, the needles fall and a forest approximately the seeds of the plants the seeds. Trees flowers so highly prized in the Arnold Arboretum, and also the large collections.

beautiful it is. Sometimes sturdy trees cling and grow and cover the rock. But here at this altitude let us enter this secret and silent place where the great explorer and others. God is showing some of His highest art

from the sweep of wind and storm He is doing his finest work. On the south alfalfa family, with the shrubs and side of the range in the full glare of the sun He has another system, where other trees are adjusted to their conditions But here we will rest and learn of Him. Here is the glorious Picea flowers. pungens. While young it is the most white, shading yellow toward the cen- charming tree on earth. It is clothed be expected to produce double flowers. growth marked by a separate shelf of good deep, rich soil and the seedlings stumbled and fell into one, 'I found

> it can fully develop. See that one by itself, the older limbs almost lying on the ground, the whole tree a pyramid Next there is the Picea engelmanni. nearly as symmetrical in form, softer in outline and resplendent in loveli-

the top and the tree is ragged in old age; not so the concolor.

If you ever visited the Hunnewell gardens at Wellesley, Mass., you will see some of these trees imported from England with high sounding names they are only our own glorious concolor. I have seen them four feet through and seventy-five feet tall, which, like the Christian, grew more beautiful with age. They are simply resplendent in their symmetry and in

richness of their foliage. Up there on that knoll is a remarkable pine tree. The first time I saw it I had to lie down and laugh at it | HAWKINS, Box 802, Plant City, Fig.

It was unique among the trees. hundreds of foxes had rushed into one common centre, their tails all The greatest delight of the student growing out of their habitat. Yet

A little beyond is the pinus con-

you seldom see anywhere so many

hey seem to transplant well.

such a burden to the acre. ness of youth. Kindly she takes me its name from the lower limbs. When holy of holles, where she unfolds her like so many serpents. A peculiarite show them his covenant." Now you They are sealed up with wax, to keep and the flames would leap up and For more than twenty years I have sweep through that resinous foliage lost myself in the Rockies. I have with terrific force. Every tree would been a student of this genial mother be killed, but the heat would dissolve the wax with which the cones are sealed. The seeds would fall into the I well remember one trip from ashes, sprout, take root and soon a new forest would appear. Then in ing in the bosom of the mountains, this group there is the pinus flexilis, would get so tired that I must rest in which cannot be grown in our semithe beauty and the solitude of those arid regions. But these beautiful trees delightful regions, and at that time it I have raised by thousands from seeds. seemed as if the good mother was do- Yonder there is a very singular group ranges from the foothills to the tallest trees, much like the balsam of our peaks. Now apportion of the curtain Northern forests. Yet they seem is lifted and Old Scraggy, which had planted like spokes in a wheel. In the centre is a dead tree, evidently the been torn from the earth, threw his mother of them all. The long limbs spires and turrets up into the azure. had dropped down into the leaf mould Then the cloud veil moved again and and pressed down by the deep snows of the vast forest arose, its emerald melt- winter, they had taken root, and there ing into the sapphire above. And thus are about thirty trees in that group. all thrifty and doing well, and the the scene shifted as if unseen hands mother dead. I saw the same pheno-

Not far away there is a cluster of Over a dozen varieties are noted and Entering the beautiful valley named. There is the glarica, or silvered type, and then the light blue and the deep blue and light green, and

up the mountain sides till their Delphiniums and monkshoods and the most beautiful Columbine on earth, the a photograph of the intense blue of he mountain sky and of the fleecy clouds. There are a dozen other flowers

we cannot stop to name. great landscape artist I wondered why we could not copy it. Soon after I had wonderful success, digging holes and till now we have on a small scale a section of the Rocky Mountains which is by far the most attractive feature. How I used to delight to take my There are beautiful specimens of the Concolor engelmanni purgens, scopu-lorum and ponderosa and flexilis

And this leads me to suggest a revolution in our park system. A park educational. There should be sectional should be made to represent the collection of trees, both evergreen and deciduous. Also a fine collection of

tion of flowers. Since Wilson's success in gathering appear on the verge of the wall. Their so many trees and shrubs from the roots seek the crevices and there they mountains of China there should be also a Chinese section containing those hundreds of choice things procured by

God is showing some of His highest art and teaching us a lesson in ornamental tural College of South Dakota has progardening we cannot forget. Away cured so many things from Siberia, including the different forms of the great trees of that northern region, there should be also a Siberian section.

There should be an American section of North American trees, shrubs and

Everything in all departments should be named so that one-child or mancould study botany, arboriculture and floriculture from the great wide open out of door pages of nature, where he could learn ten times as fast as he would from the printed pages.

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Many of the shortcomings of gardeners arise from the contempt of small things. Plants are set out and carelessly labelled. The label is lost and later when the plant has developed into a fine specimen and the name is not carefully handled when set out or when stored over winter, resulting in mixing the stock, so that instead of beds of solid colors as expected mixed or mottled beds result. Tools are left lying about the garden, because it is too much trouble to take them back A plant is left standing on the porch with yellow leaves and faded

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